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(54) Title: NOVEL COMPLEXES FOR INDUCING AN IMMUNE RESPONSE

(57) Abstract: The invention relates to induction of immune responses against target antigens using Fas ligand as an adjuvant. Melanoma cell lines transfected with FasL are shown to be rejected more efficiently than untransfected cells, and rejection is shown to be antibody-mediated. The invention provides immune complexes comprising target antigens and Fas ligand, pharmaceutical compositions comprising such immune complexes, and methods for generating immune responses, as well as methods for identifying cell-specific antigens, particularly tumour specific antigens, using cells expressing FasL.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/00 A61K39/02 A61K39/12 C07K16/28 C07K14/705
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

BIOSIS, MEDLINE, EPO-Internal, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SEINO KEN-ICHIRO ET AL: "Antitumor effect of locally produced CD95 ligand." NATURE MEDICINE, vol. 3, no. 2, 1997, pages 165-170, XP002076955 ISSN: 1078-8956 cited in the application abstract page 165, right-hand column page 166, left-hand column, paragraph 1 page 167, left-hand column, paragraph 3 page 167, right-hand column, paragraph 1 - paragraph 2 page 168, left-hand column, paragraph 1 - paragraph 3	1-3,6,7, 12,13, 15-19
Y	---	8-10
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WALKER PAUL R ET AL: "Tumor expression of Fas ligand (CD95L) and the consequences." CURRENT OPINION IN IMMUNOLOGY, vol. 10, no. 5, October 1998 (1998-10), pages 564-572, XP004327282 ISSN: 0952-7915 page 564, left-hand column page 566, left-hand column page 565, left-hand column ---	1-3,6,7, 12,13, 15-19
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X	WO 98 26061 A (UNIV CALIFORNIA) 18 June 1998 (1998-06-18) page 53, line 19 - line 25 claims 11,20,50,55 page 7, line 16 - line 30 page 8, line 17 - line 18 page 54, line 3 - line 8 page 53, line 32 - line 34 ---	1-4,6,7, 12,13, 15-19
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	<p>SIMON ANNA KATHARINA ET AL: "Fas ligand breaks tolerance to self-antigens and induces tumor immunity mediated by antibodies." CANCER CELL, vol. 2, no. 4, October 2002 (2002-10), pages 315-322, XP002255932 October, 2002 ISSN: 1535-6108 the whole document</p>	1-27

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